

Please type a plus sign (+) inside this box



**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 42P4516D2

First Inventor Chunlin Liang

Title

Isolated Junction Structure and Method of Manufacture

Express Mail Label No. EV336585611US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

- Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
- Applicant claims small entity status.  
See 37 CFR 1.27.
- Specification *[Total Pages 16.]*
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (*if filed*)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) *[Total Sheets 4.]*
- Oath or Declaration (signed) *[Total Pages 3.]*
  - Newly executed (original or copy)
  - Copy from a prior application (37 C.F.R. § 1.63(d)) (*for continuation/divisional with Box 18 completed*)
    - DELETION OF INVENTOR(S)**  
Signed statement attached deleting Inventor(s)  
named in the prior application, see 37 CFR  
1.53(g)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

- CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
- Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)
  - Computer Readable Form (CRF)
  - Specification Sequence Listing on:
    - CD-ROM or CD-R (2 copies); or
    - paper
  - Statements verifying identity of above copies

- Assignment Papers (cover sheet & document(s))
- 37 C.F.R. § 3.73(b) Statement  Power of Attorney  
(when there is an assignee)
- English Translation Document (*if applicable*)  Copies of IDS Citations
- Information Disclosure Statement (IDS)/PTO-1449  Application Amended to Reflect Claim of Priority
- Preliminary Amendment
- Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)
- Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
- Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).  
Applicant must attach form PTO/SB/35 or its equivalent.
- Other: \_\_\_\_\_

18. If a CONTINUATING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in An Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part (CIP)

of prior application No: 09/289,424

Prior application Information: Examiner: Abraham, Fetsum

Group/Art Unit: 2826

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**18. CORRESPONDENCE ADDRESS**

Customer Number

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or  Correspondence address below

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Name (Print/Type) Edwin H. Taylor

Registration No. (Attorney/Agent)

25,129

Signature

Date

22316 05  
107658658  
PTO



<b>FEES TRANSMITTAL for FY 2003</b>		Complete if Known																																																																																																																																					
Effective 01/01/2003 Patent fees are subject to annual revision.																																																																																																																																							
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.		Application Number Filing Date First Named Inventor Examiner Name Group/Art Unit Attorney Docket No.																																																																																																																																					
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ADDITIONAL FEES</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 15%;">Large Entity</th> <th style="text-align: left; width: 15%;">Small Entity</th> <th style="text-align: left; width: 70%;">Fee Description</th> <th style="text-align: left; width: 10%;">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65 Surcharge - late filing fee or oath</td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25 Surcharge - late provisional filing fee or cover sheet</td></tr> <tr><td>2053</td><td>130</td><td>2053</td><td>130 Non-English specification</td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520 For filing a request for ex parte reexamination</td></tr> <tr><td>1804</td><td>920*</td><td>1904</td><td>920* Requesting publication of SIR prior to Examiner action</td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840* Requesting publication of SIR after Examiner action</td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55 Extension for reply within first month</td></tr> <tr><td>1252</td><td>410</td><td>2252</td><td>25 Extension for reply within second month</td></tr> <tr><td>1253</td><td>930</td><td>2253</td><td>465 Extension for reply within third month</td></tr> <tr><td>1254</td><td>1,450</td><td>2254</td><td>725 Extension for reply within fourth month</td></tr> <tr><td>1255</td><td>1,970</td><td>2255</td><td>985 Extension for reply within fifth month</td></tr> <tr><td>1404</td><td>320</td><td>2401</td><td>160 Notice of Appeal</td></tr> <tr><td>1402</td><td>320</td><td>2402</td><td>160 Filing a brief in support of an appeal</td></tr> <tr><td>1403</td><td>280</td><td>2403</td><td>140 Request for oral hearing</td></tr> <tr><td>1451</td><td>1,510</td><td>2451</td><td>1,510 Petition to institute a public use proceeding</td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55 Petition to revive - unavoidable</td></tr> <tr><td>1453</td><td>1,300</td><td>2453</td><td>650 Petition to revive - unintentional</td></tr> <tr><td>1501</td><td>1,300</td><td>2501</td><td>650 Issue fee (or reissue)</td></tr> <tr><td>1502</td><td>470</td><td>2502</td><td>23 Design issue fee</td></tr> <tr><td>1503</td><td>630</td><td>2503</td><td>315 Plant issue fee</td></tr> <tr><td>1460</td><td>130</td><td>2460</td><td>130 Petitions to the Commissioner</td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50 Prospecting fee under 37 CFR 1.17(q)</td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180 Submission of Information Disclosure Stmt</td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40 Recording each patent assignment per property (times number of properties)</td></tr> <tr><td>1809</td><td>750</td><td>1809</td><td>375 Filing a submission after final rejection (37 CFR § 1.12(a))</td></tr> <tr><td>1810</td><td>750</td><td>2810</td><td>375 For each additional invention to be examined (37 CFR § 1.129(b))</td></tr> <tr><td>1801</td><td>750</td><td>2801</td><td>375 Request for Continued Examination (RCE)</td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900 Request for expedited examination of a design application</td></tr> <tr><td colspan="4" style="text-align: center; padding: 5px;">Other fee (specify) _____</td></tr> <tr> <td colspan="2" style="padding: 5px;">*Reduced by Basic Filing Fee Paid</td> <td colspan="2" style="padding: 5px;">SUBTOTAL (1) (\$)</td> </tr> <tr> <td colspan="2" style="padding: 5px;">SUBTOTAL (2) (\$)</td> <td colspan="2" style="padding: 5px;">SUBTOTAL (3) (\$)</td> </tr> </tbody> </table>		Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code	Fee Code	Fee (\$)	Fee (\$)	1051	130	2051	65 Surcharge - late filing fee or oath	1052	50	2052	25 Surcharge - late provisional filing fee or cover sheet	2053	130	2053	130 Non-English specification	1812	2,520	1812	2,520 For filing a request for ex parte reexamination	1804	920*	1904	920* Requesting publication of SIR prior to Examiner action	1805	1,840*	1805	1,840* Requesting publication of SIR after Examiner action	1251	110	2251	55 Extension for reply within first month	1252	410	2252	25 Extension for reply within second month	1253	930	2253	465 Extension for reply within third month	1254	1,450	2254	725 Extension for reply within fourth month	1255	1,970	2255	985 Extension for reply within fifth month	1404	320	2401	160 Notice of Appeal	1402	320	2402	160 Filing a brief in support of an appeal	1403	280	2403	140 Request for oral hearing	1451	1,510	2451	1,510 Petition to institute a public use proceeding	1452	110	2452	55 Petition to revive - unavoidable	1453	1,300	2453	650 Petition to revive - unintentional	1501	1,300	2501	650 Issue fee (or reissue)	1502	470	2502	23 Design issue fee	1503	630	2503	315 Plant issue fee	1460	130	2460	130 Petitions to the Commissioner	1807	50	1807	50 Prospecting fee under 37 CFR 1.17(q)	1806	180	1806	180 Submission of Information Disclosure Stmt	8021	40	8021	40 Recording each patent assignment per property (times number of properties)	1809	750	1809	375 Filing a submission after final rejection (37 CFR § 1.12(a))	1810	750	2810	375 For each additional invention to be examined (37 CFR § 1.129(b))	1801	750	2801	375 Request for Continued Examination (RCE)	1802	900	1802	900 Request for expedited examination of a design application	Other fee (specify) _____				*Reduced by Basic Filing Fee Paid		SUBTOTAL (1) (\$)		SUBTOTAL (2) (\$)		SUBTOTAL (3) (\$)	
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Name (Print/Type) <b>Edwin H. Taylor</b>		Registration No. (Attorney/Agent) <b>25,129</b>																																																																																																																																					
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Connie Willese

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08-21-03

(Date signed)

Serial/Patent No. To be assigned Filing/Issue Date: Herewith  
Client: Intel Corporation  
Title: Isolated Junction Structure and Method of Manufacture

BSTZ File No.: 422P4516D2 Atty/Secty Initials: EHT/(ITL)/cvw  
Date Mailed: 08-21-03 Docket Due Date:

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- Amendment/Response (\_\_\_\_ pgs.)
- Appeal Brief (\_\_\_\_ pgs.) (in triplicate)
- Application - Utility (\_\_\_\_ pgs., with cover and abstract)
- Application - Rule 1.53(b) Continuation (\_\_\_\_ pgs.)
- Application - Rule 1.53(b) Divisional (\_\_\_\_ pgs.) \*
- Application - Rule 1.53(b) CIP (\_\_\_\_ pgs.)
- Application - Rule 1.53(d) CPA Transmittal (\_\_\_\_ pgs.)
- Application - Design (\_\_\_\_ pgs.)
- Application - PCT (\_\_\_\_ pgs.)
- Application - Provisional (\_\_\_\_ pgs.)
- Assignment and Cover Sheet
- Certificate of Mailing
- Declaration & POA (\_\_\_\_ pgs.) (copy)
- Disclosure Doc & Org & Copy of Inventor's Signed Letter (\_\_\_\_ pgs.)
- Drawings 4 # of sheets includes 13 figures

- Express Mail No. EV336585611US  Check No. 59446
- \_\_\_\_\_ Month(s) Extension of Time  Amt \$750.00
- Information Disclosure Statement & PTO-144 (3 pgs.)  Check No. \_\_\_\_\_
- Issue Fee Transmittal  \_\_\_\_\_ Amt: \_\_\_\_\_
- Notice of Appeal
- Petition for Extension of Time
- Petition for \_\_\_\_\_
- Postcard
- Power of Attorney (\_\_\_\_ pgs.)
- Preliminary Amendment (\_\_\_\_ pgs.)
- Reply Brief (\_\_\_\_ pgs.)
- Response to Notice of Missing Parts
- Small Entity Declaration for Indep. Inventor/Small Business
- Transmittal Letter, in duplicate
- Fee Transmittal, in duplicate

Other: a duplicate Information Disclosure Statement, and a copy of this postcard with Certificate of Express Mail.

\*Div. of 09/289,424